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- Adams, W. J., Toll, J. E., Brix, K. V., Tear, L. M., and DeForest, D. K. 2000. Site-specific approach for setting water quality criteria for selenium: Differences between lotic and lentic systems. Proceedings of the 24th Annual BC Mine Reclamation Symposium. Williams Lake, BC: The Technical and Research Committee on Reclamation.
- AERCB (Alberta Energy Resource Conservation Board). 2007. Directive 038: Noise Control
- Alberta Environmental Protection. 1996. Alberta Water Quality Guideline for the Protection of Freshwater Aquatic Life – Copper (Draft). Standards and Guidelines Branch. Alberta Environmental Protection. Edmonton, Alberta; 122.
- Alberta Health. 1999. Northern River Basins Human Health Monitoring Program.  
<http://www.health.alberta.ca/documents/Northern-River-Health-Mon-1999.pdf>
- Apps, C. D., B. N. McLellan, T. A. Kinley, R. Serrouya, D. R. Seip, and H. U. Wittmer. 2013. Spatial factors related to mortality and population decline of endangered mountain caribou. *The Journal of Wildlife Management* 77:1409–1419.
- Apps, C. D., McLellan, B. N., Woods, J. G., and Proctor, M. F. 2004. Estimating Grizzly Bear Distribution and Abundance Relative to Habitat and Human Influence. *Journal of Wildlife Management*, 68(1), 138-152.
- Apps, C., McLellan, B., Kinley, T., Serrouya, R., Seip, D., and Wittmer, H. 2013. Spatial factors related to mortality and population decline of endangered mountain caribou. *Journal of Wildlife Management*, 77, 1409-1419.
- Associated Engineering (BC) Ltd. 2012. Casino Mine. Feasibility Access Study. August 31, 2012.
- Avanti Mining Inc. 2011. Kitsault Mine Project Environmental Assessment. Section 11.2.6.6.9: Tailings Management Facility Failure.
- AXYS. 2001. Thresholds for addressing cumulative effects on terrestrial and avian wildlife in the Yukon. Prepared by AXYS Environmental Consulting Ltd., Calgary AB for Department of Indian and Northern Affairs, Environmental Directorate and Environment Canada, Whitehorse Yukon. March 2001. 92 pp + app.
- Baldwin, D.H., Sandahl, J.F., Labenia, J.S. and N.L. Scholz. 2003. Sublethal effects of copper on coho salmon: impacts on non-overlapping receptor pathways in the peripheral olfactory nervous system. *Environmental Toxicology and Chemistry*, 22, 2266–2274.
- Barclay, M.A., Harris, J., Everingham, J., Kirsch, P., Arend, S., Shi, S. and Kim, J. 2013. Factors Linked to the Well-Being of Fly-In Fly-Out (FIFO) workers. Research Report, CSRM and MISHC, Sustainable Minerals Institute, University of Queensland: Brisbane, Australia.
- Barker, J and Thomas, H 2013, 'Geotechnical Engineering in Cold Regions', in ISCORD 2013, pp. 204-14.
- Barrera, Valenzuela and Campana, 2011, "Sand Tailings Dams: Design, Construction and Operation", Proceedings of Tailings and Mine Waste 2011, Vancouver, B.C.
- BC Ministry of Environment, Lands, and Parks. 2001. Guidance for Assessing the Design, Size and Operation of Sedimentation Ponds used in Mining.  
[http://www.env.gov.bc.ca/epd/industrial/mining/pdf/settling\\_ponds.pdf](http://www.env.gov.bc.ca/epd/industrial/mining/pdf/settling_ponds.pdf)

- BC MOE. 2001. Ambient Water Quality Guidelines for Selenium, Overview Report. British Columbia Ministry of Environment.
- BC MOE. 2009. Manual of British Columbia Hydrometric Standards. Resources Information Standards Committee. March 12, 2009.
- BC MOE. 2011. Ambient Water Quality Guidelines for Fluoride, Technical Appendix. September 2011.
- BC Oil and Gas Commission (BC OGC). 2009. British Columbia Noise Control Best Practices Guideline. March 2009.
- Behnke, R. 2010. Trout and Salmon of North America. NY: Simon and Shuster.
- Belyaeva, E. A., Dymkowska, D., Wieckowski, M. R., and Wojtczak, L. 2006. Reactive oxygen species produced by the mitochondrial respiratory chain are involved in Cd<sup>2+</sup>- induced injury of rat ascites hepatoma AS-30D cells. *Biochimica et Biophysica Acta*, 1757, 1568–1574.
- Benn, B., and Herrero, S. 2002. Grizzly bear mortality and human access in Banff and Yoho National Parks, 1971-98. *Ursus*, 13, 213-222.
- Bent, H. 2009. Kemess South Mine – Reclamation & Closure Preparation. Minerals North Conference, 2009. <http://mineralsnorth.ca/files/Kemess-South-Mine-Reclamation-and-Closure.pdf>
- Bertin, G. and D. Aeverbeck. 2006. Cadmium: cellular effects, modifications of biomolecules, modulation of DNA repair and genotoxic consequences (a review). *Biochimie*, 88, 1549–1559.
- Beširović, H., Alić, A., Prašović, S., and Drommer, W. 2010. Histopathological Effects of Chronic Exposure to Cadmium and Zinc on Kidneys and Gills of Brown Trout (*Salmo trutta m. fario*). *Turkish Journal of Fisheries and Aquatic Sciences*, 10, 255-262.
- Birge, W.J. 1978. Aquatic toxicology of trace elements of coal and fly ash. In *Energy and environmental stress in aquatic systems*. Edited by J.H. Thorp and J.W. Gibbons. Department of Energy Symposium Series. CONF 771114.
- Birtwell, I. K., Harman, G., Anderson, B., McLeay, D. J., & Malick, J. G. 1984. A brief investigation of Arctic grayling (*Thymallus arcticus*) and aquatic invertebrates in the Minto Creek drainage, Mayo, Yukon Territory: an area subjected to placer mining. *Can. Tech. Rep. Fish. Aquat. Sci.*, 1287, 57.
- Bishop, F. G. 1967. The biology of the Arctic grayling, *Thymallus arcticus* (Pallas), in Great Slave Lake. Edmonton, Alberta: M.Sc. Thesis, Department of Zoology, University of Alberta.
- Bovee, K.D. 1978. The Incremental Method of assessing habitat potential for coolwater species, with management implications. *American Fisheries Society Special Publication* 11:340-346.
- British Columbia Ministry of Forests (BC MoF). 1998. Fish-Stream Identification Guidebook. Second Edition, Version 2.1. Victoria, BC: Forest Practices Branch, Ministry of Forests, Victoria, BC. Forest Practices Code of British Columbia Guidebook.
- Butcher, G. A. 1952. Water quality criteria for aluminum. Technical Appendix. March 1988: British Columbia Ministry of Environment and Parks. Water Quality Unit.
- Camargo, J.A. 2003. Fluoride toxicity to aquatic organisms: a review. *Chemosphere*, 50 (3), 251-264.
- Canadian Council of Ministers of the Environment (CCME). 1999. Canadian Water Quality Guidelines for the Protection of Aquatic Life: Molybdenum. *Canadian Environmental Quality Guidelines*. Winnipeg.

- Canadian Council of Ministers of the Environment (CCME). 2002. Inorganic fluorides factsheet, Canadian Environmental Quality Guidelines. Canadian Council of Ministers of the Environment, Winnipeg
- Canadian Council of Ministers of the Environment (CCME). 2007. Canadian Environmental Quality Guidelines. Winnipeg: Canadian Council of Ministers of the Environment.
- Canadian Council of Ministers of the Environment (CCME). 2011a. Protocols manual for water quality sampling in Canada. Canadian Council of Ministers of the Environment. Winnipeg.
- Canadian Council of Ministers of the Environment (CCME). 2011b. Uranium factsheet, Canadian Environmental Quality Guidelines. Canadian Council of Ministers of the Environment, Winnipeg.
- Canadian Council of Ministers of the Environment (CCME). 2014. Canadian Water Quality Guidelines for the Protection of Aquatic Life: Cadmium. Canadian Environmental Quality Guidelines. Winnipeg.
- Canadian Council of Ministers of the Environment. 1999. Canadian water quality guidelines for the protection of aquatic life: Introduction. In: Canadian environmental quality guidelines, 1999, Canadian Council of Ministers of the Environment, Winnipeg.
- Canadian Dam Association (CDA), 2014. Technical Bulletin: Application of Dam Safety Guidelines to Mining Dams
- Canadian Dam Association (CDA). 2007. Dam Safety Guidelines.
- Capstone Mining Corp – Minto Mine. 2013. Project Proposal: Phase V/VI Expansion of Mining and Milling. Minto Mine. Version 1. July 2013
- Capstone Mining Corp, 2012. Yukon Producers Group Presentation: November 20th, 2012. Presentation made at the 40th Annual Yukon Geoscience Forum and Trade Show Whitehorse, Yukon. Selkirk First Nation, Yukon Government, Capstone Mining Corp. 2013. Minto Mine Socio-Economic Monitoring Program Framework
- Capstone. 2013. Minto Mine Socio-Economic Monitoring Program. Prepared in collaboration by: Selkirk First Nation, Yukon Government, Capstone Mining Corp – Minto Mine. September 10, 2013 Revision. [http://www.emr.gov.yk.ca/mining/pdf/mml\\_minto\\_socioeconomic\\_monitoring\\_program.pdf](http://www.emr.gov.yk.ca/mining/pdf/mml_minto_socioeconomic_monitoring_program.pdf)
- Capstone. 2014. Minto Mine Emergency Response Plan. [http://www.emr.gov.yk.ca/mining/pdf/mml\\_minto\\_20140301\\_emergency\\_response\\_plan.pdf](http://www.emr.gov.yk.ca/mining/pdf/mml_minto_20140301_emergency_response_plan.pdf)
- Casino Silver Mines Ltd. 1966. Report on Lead-Silver Property, Casino Silver Mines Ltd (N.P.L) Casino Creek Area, Yukon Territory. <http://yma.gov.yk.ca/019141.pdf>.
- CCME. 2007. Canadian Environmental Quality Guidelines. Winnipeg: Canadian Council of Ministers of the Environment.
- Center for Chemical Process Safety. 2012. Guidelines for Engineering Design for Process Safety (Second ed.). Hoboken, NJ, USA.: John Wiley & Sons, Inc.
- Chang-Kue, K. J., & Cameron, R. T. 1980. A survey of the fish resources of the Great Bear River, Northwest Territories, 1974. Can. Fish. Mar. Serv. Manuscr. Rep, 1510, 59.
- Chapman, M., Adams, W. J., Brooks, M. L., Delos, C. G., Luoma, S. N., Maher, W. A., et al. 2009. Ecological assessment of selenium in the aquatic environment: Summary of a SETAC Pellston Workshop. Society of Environmental Toxicology and Chemistry.

- Cleveland, L., Little, E. E., Buckler, D. R., and Wiedmeyer, R. H. 1993. Toxicity and bioaccumulation of waterborne and dietary selenium in juvenile bluegill (*Lepomis macrochirus*). *Aquatic Toxicology*, 27(3-4), 265-279.
- Cooley, H.M. and J.F. Klaverkam. 2000. Accumulation and distribution of dietary uranium in lake whitefish (*Coregonus clupeaformis*). *Aquatic Toxicology*, 48, 477-494.
- COSEWIC. 1999. COSEWIC assessment and status report on the black bear *Ursus americanus* in Canada. Ottawa: Committee on the Status of Endangered Wildlife in Canada.
- COSEWIC. 2001. COSEWIC assessment and status report on the Canada Lynx *Lynx canadensis*. Ottawa: Committee on the Status of Endangered Wildlife in Canada.
- COSEWIC. 2003. COSEWIC assessment and update status report on the wolverine *Gulo gulo* in Canada. Ottawa: Committee on the Status of Endangered Wildlife in Canada.
- COSEWIC. 2011. COSEWIC assessment and status report on the barn swallow *Hirundo rustica* in Canada. Ottawa: Committee on the Status of Endangered Wildlife in Canada.
- COSEWIC. 2011. COSEWIC assessment and status report on the Collared Pika *Ochotona collaris* in Canada. Committee on the Status of Endangered Wildlife in Canada. Ottawa. x + 50 pp.
- COSEWIC. 2012. COSEWIC assessment and status report on the Grizzly Bear *Ursus arctos* in Canada. Committee on the Status of Endangered Wildlife in Canada. Ottawa. xiv + 84 pp. Available at [http://www.sararegistry.gc.ca/default.asp?lang=En&n=8D03FF1B-1#\\_docInfo](http://www.sararegistry.gc.ca/default.asp?lang=En&n=8D03FF1B-1#_docInfo). Accessed 6 February 2015.
- COSEWIC. 2014. COSEWIC assessment and status report on the little brown myotis *Myotis lucifugus*, northern myotis, *Myotis septentrionalis*, tri-colored bat, *Perimyotis subflavus* in Canada . Ottawa: Committee on the Status of Endangered Wildlife in Canada.
- Council of Yukon First Nations. 2003. Understanding the Yukon Umbrella Final Agreement: A Land Claim Settlement Information Package. 4th edition.
- Coyle, J.J., Buckler, D.R., Ingesoll, C.G., Fairchild, J.F. and T.W. May. 1993. Effect of dietary selenium on the reproductive success of bluegills *Lepomis macrochirus*. *Environmental Toxicology and Chemistry*, 12(3), 551-565.
- Cubley, J. Instructor/Coordinator. Centre for Northern Innovation in Mining. Email. 17, 20 August 2014.
- Dahl, J., G. Fondahl, A. Petrov, and R.S. Fjellheim. 2010. "Fate Control." *Arctic Social Indicators – A Follow-up to the Arctic Human Development Report*. Ed. Joan Nymand Larsen, Peter Schweitzer, and Gail Fondahl. Copenhagen: Nordic Council of Ministers. Pp. 129-146.
- Dalerum, F., S. Boutin, and J. Dunford. 2007. Wildfire effects on home range size and fidelity of boreal caribou in Alberta, Canada. *Canadian Journal of Zoology* 85:26–32.
- Davies, T. D., Pickard, J. and K.J. Hall. 2005. Acute molybdenum toxicity to rainbow trout and other fish. *Journal of Environmental Engineering and Science*, 4, 481–485.
- Davies, T.D., Pickard, J.S. and K.J. Hall. 2003. Sulphate toxicity to freshwater organisms and molybdenum toxicity to rainbow trout embryos/alevins. As cited in: Proceedings, 26th Annual British Columbia Mine Reclamation Symposium, Kamloops, BC.

- de Graff, N. M. 2009. Identification of chinook and fall chum salmon spawning habitat in the Yukon River mainstem between Tatchun Creek and Minto, Yukon Territory. Prepared for the Little Salmon/Carmacks First Nation, Carmacks, Yukon Territory.
- De Guzman, Margarita, Kristin Soucey, Braedy Chapman, Elsa Perry. 2014. Western Copper and Gold Corporation Casino Project Archaeological Resources Mitigation, KdVi-1, KeVi-6, KfVi-2, KfVi-3, KfVi-4, and KfVi-5. Permit No. 13-06ASR. Report prepared for Government of Yukon, Heritage Resources Unit, Yukon Cultural Services Branch, Department of Tourism and Culture, Whitehorse, YT.
- deBruyn, M., & McCart, P. 1974. Life history of the grayling (*Thymallus arcticus*) in Beaufort Sea drainages in the Yukon Territory. Canadian Arctic Gas Study Limited (Calgary, AB), Biological Report Series, 15, 41.
- Department of Community Services. 2015. About Yukon Wildland Fire Management. <http://www.community.gov.yk.ca/firemanagement/about.html>
- Department of Fisheries and Oceans (DFO). 1985. Distribution and abundance of Chinook Salmon in the Upper Yukon River Basin as determined by radio-tagging and spaghetti tagging program, 1982-1983. Canadian Technical Report of Fisheries and Aquatic Sciences, 1352.
- Department of Fisheries and Oceans (DFO). 1994. Overview: Waters which may be affected by the Casino Project or by infrastructure associated with it. Whitehorse, Yukon: Department of Fisheries and Oceans Canada.
- Department of Fisheries and Oceans (DFO). 2013. Measures to avoid causing harm to fish and fish habitat. DFO, Winnipeg, Ontario. Website: <http://www.dfo-mpo.gc.ca/pnw-ppe/measures-mesures/index-eng.html>. Accessed February 20, 2015.
- Dobbs, M.G., D.S. Cherry, and J. Cairns Jr. 1996. Toxicity and bioaccumulation of selenium to a three-tropic level food chain. *Environmental Toxicology and Chemistry*, 15, 340-347.
- Dunne, B. M., and Quinn, M. S. 2009. Effectiveness of above-ground pipeline mitigation for moose (*Alces alces*) and other large mammals. *Biological Conservation*, 142, 332–343.
- EBA. 2011. Case Study of Brewery Creek. Retrieved November 4, 2014, from Government of Yukon - Energy, Mines and Resources: [http://www.emr.gov.yk.ca/mining/pdf/mml\\_brewerycreek\\_case\\_study\\_of\\_brewery.pdf](http://www.emr.gov.yk.ca/mining/pdf/mml_brewerycreek_case_study_of_brewery.pdf)
- Eisler, R. 1985. Cadmium Hazards to Fish, Wildlife, and Invertebrates: a Synoptic Review. US Department of the Interior Biological Report 85(1.2), Contaminant Hazard Reviews Report 2.
- Eisler, R. 1998. Copper hazards to fish, wildlife, and invertebrates: a synoptic review. Prepared for US Geological Survey, Biological Resources Division, Reston, Virginia. Biological Science Report USGS/BRD/BSR--1998-0002.
- Elphick, J.R., Davies, M., Gilron, G., Canaria, E.C., Lo, B. and H. C Bailey. 2011. An aquatic toxicological evaluation of sulfate: The case for considering hardness as a modifying factor in setting water quality guidelines. *Environmental Toxicology and Chemistry*, 30(1), 247-53.
- Environment Canada and Health Canada. 2003. Priority Substances List Assessment Report: Releases of Radionuclides from Nuclear Facilities (Impact on Non-human Biota). Her Majesty the Queen in Right of Canada (Environment Canada).
- Environment Canada. (2002, June 6). *Metal Mine Effluent Regulations*. Ottawa: Government of Canada.

- Environment Canada. 1997. Biological test method: test for survival and growth in sediment using the larvae of freshwater midges (*Chironomus tentans* and *Chironomus riparius*). EPS 1/RM/32. December 1997. Method Development and Application Section, Environmental Technology Centre, Ottawa, ON.
- Environment Canada. 2007a. Biological test method: test of reproduction and survival using the cladoceran *Ceriodaphnia dubia*. EPS 1/RM/21, Second Edition, February 2007. Environment Canada, Method Development and Application Section, Environmental Science and Technology Centre, Science and Technology Branch, Ottawa, ON.
- Environment Canada. 2007b. Biological test method: growth inhibition test using the freshwater alga. EPS 1/RM/25. Second Edition, March 2007. Environment Canada, Method Development and Application Section, Environmental Science and Technology Centre, Science and Technology Branch, Ottawa, ON.
- Environment Yukon. 2010. Status of Yukon Fisheries. Retrieved September 28, 2014, from [http://www.env.gov.yk.ca/publicationsmaps/documents/status\\_yukon\\_fisheries2010.pdf](http://www.env.gov.yk.ca/publicationsmaps/documents/status_yukon_fisheries2010.pdf)
- Environment Yukon. 2014. Yukon Game Fish Species. Retrieved September 28, 2014, from <http://www.env.gov.yk.ca/animals-habitat/fish/fishspecies.php>
- Environmental Dynamics Inc (EDI). 2008. The Impact of Roads on Wildlife and Metrics for Assessment. Prepared for Ministry of Environment, Caribou Region.
- Environmental Dynamics Inc. (EDI). 2011. Little Salmon/Carmacks First Nation Knowledge Study. CRE-141N-10. EDI Project #10-YC-0058.
- Farnell, R., Sumanik, R., McDonald, J., and Gilroy, B. 1991. The distribution, movements, demography, and habitat characteristics of the Klaza caribou herd in relation to the casino trail development, Yukon Territory. Yukon Renewable Resources Technical Report TR-91-3. Whitehorse: Yukon Renewable Resources.
- Fletcher, T., Stephenson, G. L., Muncaster, B., Wren, C. D., and Spry, D. J. 1997. Scientific criteria document for the development of an interim provincial water quality objective for molybdenum. Toronto: Ontario Ministry of Environment and Energy, Standards Development Branch.
- Gibeau, M. L., Herrero, J. L., Kansas, J. L., and Benn, B. 1996. Grizzly bear population and habitat status in Banff National Park: A Report to the Banff-Bow Valley Task Force. Eastern Slopes Grizzly Bear Project, University of Calgary, Alberta. Retrieved November 10, 2014, from [http://www.canadianrockies.net/grizzly/pophab\\_banff96.html](http://www.canadianrockies.net/grizzly/pophab_banff96.html)
- Gibson, G., and Jason Klinck. 2005. "Canada's Resilient North: The Impact of Mining on Aboriginal Communities." *Pimatisiwin: A Journal of Aboriginal and Indigenous Community Health* 3(1).
- Gissel-Nielsen, G., and Gissel-Nielsen, M. 1978. Sensitivity of trout to chronic and acute exposure to selenium. *Agriculture and Environment*, 4, 85-91.
- Golder Associates (Golder). 2013. Nico Mine Project Conceptual Closure and Reclamation Plan. Report No. 12-1373-0057. October 2013.
- Gotthardt, R.M. 1988. Heritage Resource Impact Assessment of the Proposed Casino Trail Route Km 33 – 58.5, West Central Yukon. Permit No. 88-3ASR. Report prepared for the Casino Trail Local Resources Group.
- Gotthardt, R.M. 1995. Freegold Road Archaeological Impact Assessment (KM 20-33) and Mount Nansen Road Overview Assessment, near Carmacks, Yukon. Permit No. 95-1ASR. Report prepared for the Government of Yukon, Community and Transportation Services, Whitehorse, YT.

- Government of Yukon. 2015. Spill Reporting and Cleanup. Environment Yukon.  
<http://www.env.gov.yk.ca/environment-you/spills.php>
- Gray, M. A., Cunjak, R. A., & Munkittrick, K. R. 2004. Site fidelity of slimy sculpin (*Cottus cognatus*): Insights from stable carbon and nitrogen analysis. *Canadian Journal of Fisheries and Aquatic Sciences*, 61(9), 1717-1722.
- Gunn, A., Russell, D., and Eamer, J. 2011. Northern caribou population trends in Canada. Retrieved from  
<http://www.biodivcanada.ca/default.asp?lang=En&dn=137E1147-1>
- Hamilton, S.J., Buhl, K.J., Faerber, N.L., Wiedmeyer, R.H. and F.A. Bullard. 1990. Toxicity of Organic Selenium in the Diet to Chinook Salmon. *Environmental Toxicology and Chemistry*, 9(3), 347-358.
- Hammer, T.J. 1995. Archaeological Salvage of KbVb-2 and Archaeological Impact Assessment of the Area West of KaVb-1 on the Freegold Road, near Carmacks, Central Yukon.. Permit No. 95-2ASR. Report prepared for the Government of Yukon, Community and Transportation Services, Transportation and Engineering Branch, Whitehorse, YT.
- Handly M.J and M. Rousseau. 1995. An Archaeological Impact Assessment for Community and Transportation Services (Yukon Territorial Government) Proposed Freegold Road Upgrading and New Realignment (KM 0-20) Near Carmacks, Yukon. Permit No. 99-22ASR. Report prepared for Heritage Branch - Yukon Tourism, Whitehorse.
- Handly, Martin J., Peter Merchant, Mike Rousseau. 1994. An Archaeological Impact Assessment of Proposed Developments within Pacific Sentinel Gold Corp's Casino Exploration Property near Carmacks, West-Central Yukon Territory. Permit No. 94-9ASR. Manuscript on file, Yukon Heritage Branch, Whitehorse, Yukon.
- Hansen, J. A., Marr, J. C. A., Lipton, J., Cacela, D. and H.L. Bergman. 1999a. Differences in neurobehavioral responses of chinook salmon (*Oncorhynchus tshawytscha*) and rainbow trout (*Oncorhynchus mykiss*) exposed to copper and cobalt: behavioral avoidance. *Environmental Toxicology and Chemistry*, 18, 1972–1978.
- Hansen, J. A., Rose, J. D., Jenkins, R. A., Gerow, K. G. and H.L. Bergman. 1999b. Chinook salmon (*Oncorhynchus tshawytscha*) and rainbow trout (*Oncorhynchus mykiss*) exposed to copper: neurophysiological and histological effects on the olfactory system. *Environmental Toxicology and Chemistry*, 18, 1979–1991.
- Hatfield, T., & Bruce, J. 2000. Predicting salmonid habitat-flow relationships for streams from western North America. *North American Journal of Fisheries Management* 20:1005-1015.
- Hayley, S., and J. Magdanz. 2008. "The Impacts of Resource Development on Social Ties: Theories and Methods for Assessment." *Earth Matters: Indigenous Peoples, the Extractive Industries and Corporate Social Responsibility*. Ed. Ciaran O'Faircheallaigh, and Saleem Ali. Green Leaf Publishing
- Healey, M. C. 1991. Life history of Chinook salmon (*Oncorhynchus tshawytscha*). In C. Groot, & L. Margolis, *Pacific salmon life histories* (pp. 313-393). Vancouver: UBC Press.
- Health Canada. 2010. Useful Information for Environmental Assessments. [http://www.hc-sc.gc.ca/ewh-semt/alt\\_formats/hecs-sesc/pdf/pubs/eval/environ\\_assess-eval/environ\\_assess-eval-eng.pdf](http://www.hc-sc.gc.ca/ewh-semt/alt_formats/hecs-sesc/pdf/pubs/eval/environ_assess-eval/environ_assess-eval-eng.pdf)
- Health Canada. 2011. Guidance for Evaluating Human Health Impacts in Environmental Assessments: Noise. Health Canada: Ottawa, ON.



- Health Canada. 2014. Evaluation of the Action Plan to Protect Human Health from Environmental Contaminants 2008-2009 to 2012-2013. Prepared by Evaluation Directorate Health Canada and the Public Health Agency of Canada. February 2014. [http://www.hc-sc.gc.ca/ahc-asc/alt\\_formats/pdf/performance/eval/contaminants-eng.pdf](http://www.hc-sc.gc.ca/ahc-asc/alt_formats/pdf/performance/eval/contaminants-eng.pdf)
- Hegel, T. M., A. Myrsetrud, F. Huettmann, and N. C. Stenseth. 2010. Interacting effect of wolves and climate on recruitment in a northern mountain caribou population. *Oikos* 119:1453–1461.
- Hermanutz, R.O., Allen, K.N., Detenbeck, N.E. and C.E. Stephan. 1996. Exposure to bluegill (*Lepomis macrochirus*) to selenium in outdoor experimental streams. U.S. EPA Report. Mid-Continent Ecology Division. Duluth, MN.
- Hinkel, K.M., F.E. Nelson, W. Porter, V. Romanovsky, O. Smith, W. Tucker, T. Vinson and L.W. Brigham. 2003. Climate Change, Permafrost, and Impacts on Civil Infrastructure, United States Arctic Research Commission Permafrost Task Force Report, Special Report 01-03, Dec. 2003.
- Hoekstra, G. 2014. Geotechnical Inspections Pinpoint Concerns at Mine Dams: Documents. Vancouver Sun. December 11, 2014. <http://www.vancouversun.com/business/Geotechnical+inspections+pinpoint+concerns+mine+dams+documents/10461730/story.html#ixzz3RMu4gFHA>
- Hogg, W.D. and Carr, D.A., 1985. Rainfall Frequency Atlas of Canada. Ministry of Environment, Canadian Climate Program.
- Horowitz, A. J. 1991. A primer on sediment-trace element chemistry (Second ed.). Michigan, USA: Lewis Publishers, Inc.
- Howes, D.E. and Kenk, E. 1997. Terrain Classification System for British Columbia (Version 2). Surveys and Resource Mapping Branch, Ministry of Crown land, Victoria, BC. APEGBC. 2012. Professional Practice Guidelines – Legislated Flood Assessments in a Changing Climate in BC. The Association of Professional Engineers and Geoscientists of British Columbia.
- Hsu, T.S., Yang, P.M., Tsai, J.S. and L.Y. Lin. 2009. Attenuation of cadmium-induced necrotic cell death by necrostatin-1: potential necrostatin-1 acting sites. *Toxicology and Applied Pharmacology*, Vol. 235, p.153–162.
- Hustrulid W., Kuchta M., and Martin R. 2013. Open Pit Mine Planning and Design, Third Edition.
- INAP. 2014. Global Acid Rock Drainage Guide.
- Inikshuk Planning and Development. 2009. Little Salmon Carmacks Integrated Community Sustainability Plan 2007. April 2009. [http://www.infrastructure.gov.yk.ca/pdf/icsp\\_lscfn.pdf](http://www.infrastructure.gov.yk.ca/pdf/icsp_lscfn.pdf)
- Instanes, A.. 2003. Climate Change and Possible Impact on Arctic Infrastructure. Permafrost. Phillips, Springman & Arenson (eds), Swets & Zeitlinger, Lisse, ISBN 90 5809 582 7, 461-466.
- International Cyanide Management Institute. 2012. The International Cyanide Management Code. Retrieved from <http://www.cyanidecode.org/sites/default/files/pdf/thecode.pdf>
- International Joint Commission (IJC). 1981. Report of the aquatic ecosystem objectives committee. Windsor, Ontario: Great Lakes Science Advisory Board, International Joint Commission.
- International Standards Organization (ISO). 1996a. 9613-2 Acoustics - Description, measurement and assessment of environmental noise - Part 2: Determination of environmental noise levels

- International Standards Organization (ISO). 1996b. 9613-2 Attenuation of Sound During Propagation Outdoors – Part 2: General method of calculation
- Jeffrey personal comm. 2014. Traffic Summary – Whitehorse Corridor (2011). Spreadsheet provided electronically in Adobe Acrobat format by Ken Jeffrey, Transportation Analyst, Transportation Planning & Programming, Highways and Public Works, Yukon Government, September 2014.
- Jessop, E. F., Chang-Kue, K. J., & MacDonald, G. 1993. Fish resource data from Indin Lake, Northwest Territories. *Can. Data. Rep. Fish. Aquat. Sci.*, 907, 52.
- Johnson, T.C., R.L. Berg, E.J. Chamberlain, and D.M. Cole. 1986. Frost Action Predictive Techniques for Roads and Airfields: A Comprehensive Survey of Research Findings. U.S. Army Cold Regions Research and Engineering Laboratory CRREL Report 86-18.
- Joint Technical Committee of the Yukon River US/Canada Panel (JTC). 2013. Yukon River salmon 2012 season summary and 2013 season outlook. Anchorage: Alaska Department of Fish and Game, Division of Commercial Fisheries, Regional Information Report 3A13-02.
- Jowett, I. G., Payne, T. R., & Milhous, R. T. 2014. SEFA System for Environmental Flow Analysis Software Manual, Version 1.21, February 2014. 226pp.
- Kennedy, C. J., McDonald, L. E., Loveridge, R., and Strosher, M. M. 2000. The effect of bioaccumulated selenium on mortalities and deformities in the eggs, larvae, and fry of a wild population of cutthroat trout (*Oncorhynchus clarki lewisi*). *Archives of Environmental Contamination and Toxicology*, 39, 46-52.
- Kukka, P. M., A. McCulley, M. Sutor, C. D. Eckert, AND T. S. Jung. 2014. Collared pika (*Ochotona collaris*) occupancy in Tombstone Territorial Park, Yukon: 2013 survey results. Fish and Wildlife Branch Report SR-14-01. Whitehorse, Yukon, Canada.
- Kunkel, K. E., and Pletscher, D. H. 2000. Habitat factors affecting vulnerability of moose to predation by wolves in southeastern British Columbia. *Canadian Journal of Zoology*, 78, 150-157.
- Laberge Environmental Services. 2002. Flying in sheep country: how to minimize disturbance from aircraft. Whitehorse, Yukon: Prepared for the Mining Environment Research Group (MERG).
- Labrot, F., Narbonne, J.F., Ville, , Saint Denis, M. and D. Ribera. 1999. Acute toxicity, toxicokinetics, and tissue target of lead and uranium in the clam *Corbicula fluminea* and the worm *Eisenia fetida*: Comparison with the fish *Brachydanio rerio*. *Arch. Environmental Contamination and Toxicology*, 36, 167-178.
- Lee, W.K., Torchalski, B. and F. Thevenod. 2007. Cadmium-induced ceramide formation triggers calpain dependent apoptosis in cultured kidney proximal tubule cells. *American Journal of Physiology – Cell Physiology*, Vol. 293, p.C839–C847.
- Lemly, A. D. 1982. Response of juvenile centrarchids to sublethal concentrations of waterborne selenium. Uptake, tissue distribution, and retention. *Aquatic Toxicology*, 2, 235-252.
- Lemly, A.D. 2004. Aquatic selenium pollution is a global environmental safety issue. *Ecotoxicology and Environmental Safety*, 59, 44-56.
- Lemly, A.D. and G.J. Smith. 1987. Aquatic cycling of selenium: Implications for fish and wildlife. Fish Wildlife Service/ Fish Wildlife Leaflet 12. U.S. Fish and Wildlife Service, Washington DC.
- Lewis, A., Hatfield, T., Chilibeck, B., & Roberts, C. 2004. Assessment methods for aquatic habitat and instream flow characteristics in support of applications to dam, divert, or extract water from streams in British

- Columbia. Report prepared for Ministry of Water, Land & Air Protection and Ministry of Sustainable Resource Management. March 2004. 103pp.
- Lindgren, E., L. Tälleklint, and T. Polfeldt. 2000. Impact of climatic change on the northern latitude limit and population density of the disease-transmitting European tick *Ixodes ricinus*. *Environmental health perspectives* 108:119.
- Little Salmon / Carmacks Integrated Community Sustainability Plan. 2007. Prepared by Inukshuk Planning & Development. Available at: [http://www.infrastructure.gov.yk.ca/pdf/icsp\\_lscfn.pdf](http://www.infrastructure.gov.yk.ca/pdf/icsp_lscfn.pdf)
- Little Salmon/Carmacks Fish and Wildlife Planning Team. 2011. Community based-fish and wildlife work plan for the Little Salmon/Carmacks First Nation Traditional Territory (2012 – 2017). Environment Yukon, Whitehorse (36 pages).
- Liu, J., Qu, W. and M.B. Kadiiska. 2009. Role of oxidative stress in cadmium toxicity and carcinogenesis. *Toxicology and Applied Pharmacology*, 238, 209–214.
- Lysay G.J., Davidson S.C. and Martin T.E. 2007. Design and Construction Evolution of the Kemess Mine Tailings Dam Montreal Energy & Mines, Montreal, April 29- May 2, 2007
- M3 Engineering and Technology Corporation. (2013, January 25). Casino Project Feasibility Study Volume II. Retrieved October 24, 2014, from SEDAR:  
[http://www.sedar.com/GetFile.do?lang=EN&docClass=24&issuerNo=00023684&fileName=/csfsprod/data/138/filings/02014531/00000001/v%3A%5CWesternCopper%5CSEDAR%5C0026826\\_tech\\_Feb8\\_2013%5Corig%5CTechReport.pdf](http://www.sedar.com/GetFile.do?lang=EN&docClass=24&issuerNo=00023684&fileName=/csfsprod/data/138/filings/02014531/00000001/v%3A%5CWesternCopper%5CSEDAR%5C0026826_tech_Feb8_2013%5Corig%5CTechReport.pdf)
- Maidment, D. R. 1993. *Handbook of Hydrology*, McGraw-Hill Inc.
- Maraj, R. 2007. Evaluating the ecological consequences of human land-use on grizzly bears in southwest Yukon., Canada. University of Calgary, AB: PhD dissertation, Faculty of Environmental Design.
- Markel, R. L., and Larsen, D. G. 1988. Moose population characteristics in the Casino Trail area — November 1987. Whitehorse, Yukon: Department of Renewable Resources.
- Martin, T. 2011. Mine Waste Management in Wet, Mountainous Terrain: Some British Columbia Perspectives. From: Proceedings Tailings and Mine Waste 2011.  
<http://www.infomine.com/library/publications/docs/Martin2011b.pdf>
- Mathers, J. S., West, N. O., & Burns, B. 1981. Aquatic and wildlife resources of seven Yukon streams subject to Placer mining. DFO, Vancouver; DIAND, Ottawa; DOE, Whitehorse.
- Mattson, D. J., and T. Merrill. 2002. Extirpations of Grizzly Bears in the Contiguous United States, 1850–2000. *Conservation Biology* 16:1123–1136.
- McConnachie, J., Johns, C., Evans, J., Lysay, G. J. 2010. Kemess South Mine reclamation and closure. In: British Columbia Mine Reclamation Symposium 2010.
- McDonald, L. E., and Strosher, M. M. 1998. Selenium mobilization from surface coal mining in the Elk River basin, British Columbia: A survey of water, sediment and biota. Cranbrook, BC: Ministry of Environment, Lands and Parks, Kootenay Region.
- McIntyre, J.K., Baldwin, D.H., Meador, J. and N.L. Scholz. 2008. Chemosensory deprivation in juvenile coho salmon exposed to dissolved copper under varying water chemistry conditions. *Environmental Science and Technology*, 42, 1352–1358.

- McLean, D. 2013, September 26. Phone discussion with L. Pigage.
- McLellan, B. N., and Shackleton, D. M. 1988. Grizzly Bears and Resource Extraction Industries: Effects of Roads on Behavior, Habitat Use and Demography. *Journal of Applied Ecology* , 24, 451-460.
- McPhail, J. D. 2007. *The freshwater fishes of British Columbia*. Edmonton, Alberta: University of Alberta Press.
- McPhail, J. D., & Paragamian, V. L. 2000. *Burbot Biology and Life History*. In V. L. Paragamian, & D. W. Willis, *Burbot: Biology, Ecology and Management*. Bethesda, Maryland, USA: American Fisheries Society, Fisheries Management Section, Publication number 1.
- Meays, C. and R. Nordin. 2013. *Ambient Water Quality Guidelines For Sulphate – Technical Appendix Update*. Water Protection and Sustainability Branch, Environmental Sustainability and Strategic Policy Division, BC Ministry of Environment
- Merrill, T., and D. J. Mattson. 2003. The extent and location of habitat biophysically suitable for grizzly bears in the Yellowstone region. *Ursus* 14:171–187.
- Metal Mining Effluent Regulations (MMER). SOR/2002-222.
- Meyer, J. S. and W.J. Adams. 2010. Relationship between biotic ligand model-based water quality criteria and avoidance and olfactory responses to copper by fish. *Environmental Toxicology and Chemistry*, 29, 2096–2103.
- Miller, R. B. 1946. Notes on the Arctic grayling *Thymallus signifer* Richardson, from Great Bear Lake. *Copeia*, 227-236.
- Millier Dickson Blais. 2014. Yukon Labour Market Supply and Migration Study. Prepared for the Yukon Skills Table. Final Report. Available at:  
[http://www.education.gov.yk.ca/pdf/Yukon\\_Labour\\_Market\\_Supply\\_and\\_Migration\\_Study\\_April\\_10\\_2014.pdf](http://www.education.gov.yk.ca/pdf/Yukon_Labour_Market_Supply_and_Migration_Study_April_10_2014.pdf)
- Mining and Petroleum Environmental Resource Group (MPERG). 2008. *Guidelines for Industrial Activity in Bear Country: for the mineral exploration, placer mining and oil and gas industries*. Retrieved November 10, 2014, from [http://www.geology.gov.yk.ca/pdf/Guidelines\\_for\\_Industrial\\_Activity\\_in\\_Bear\\_Country-web.pdf](http://www.geology.gov.yk.ca/pdf/Guidelines_for_Industrial_Activity_in_Bear_Country-web.pdf)
- Mining Association of Canada. 2011. *A Guide to the Management of Tailings Facilities*. Retrieved November 4, 2014, from The Mining Association of Canada:  
<http://mining.ca/sites/default/files/documents/GuidetotheManagementofTailingsFacilities2011.pdf>
- Ministry of Forest Lands and Natural Resource Operations (MFLNRO). 2012. *The Best Practice for Wind Power Project Acoustic Assessment*. Victoria. BC
- MNP LLP. 2013. *Economic Impacts of the Casino Mine Project*. March 2013. Casino Mine Corporation.
- Mooney, James M. 2011. *Historic Resource Impact Assessment of the Proposed Freegold Road Extension km 0 to km 132 (previously known as Freegold Road km 60 to km 196)*. Permit No. 11-04ASR. Report prepared for Western Copper and Gold Corporation, Vancouver, BC and Heritage Resources Unit Department of Business Tourism, and Culture Government of Yukon, Whitehorse YT.
- Mooney, James M. 2012. *Historic Resource Impact Assessment of the Combined Northern Freegold Resources 2011 Exploration Program (Tinta Hill, Freegold, Nucleus, and Revenue Properties)*. Permit No. 11-13ASR. Prepared for Northern Freegold Resources Ltd. On file with the Yukon Heritage Branch.

- Mooney, James M. 2013a. Heritage Resource Impact Assessment of the Proposed Freegold Road Extension 33 km to 196 km. Permit No. 13-07ASR. Report Prepared for Casino Mining Corporation, Vancouver, BC.
- Mooney, James M. 2013b. Historic Resource Impact Assessment of the Combined Northern Freegold Resources 2012 Exploration Program. Permit No. 12-03ASR. Prepared for Northern Freegold Resources Ltd. On file with the Yukon Heritage Branch. Permit No. 12-03ASR.
- Mooney, James M. 2014. Final Report: Data Recovery Excavations at Site KfVi-5. Permit No. 13-18ASR. Report prepared for Casino Mining Corporation, Vancouver, BC.
- Morrison, S., and Wong, M. 2013. Late winter habitat selection by moose in the Dawson land use planning region. Yukon Fish and Wildlife Branch Report TRC-12-01. Prepared by Dryas Research Ltd. and Mark Wong Consulting for Yukon Department of Environment. Whitehorse: Yukon Environment.
- Mueller, C. S., Herrero, S., and Gibeau, M. L. 2004. Distribution of Subadult Grizzly Bears in Relation to Human Development in the Bow River Watershed, Alberta. *Ursus*, 15(1), 35-47.
- Nagpal, N. K. 1987. Water quality criteria for lead. Technical Appendix. British Columbia Ministry of Environment and Parks. Water Management Branch.
- National Research Council, 2004. Adaptive Management for Water Resources Planning. The National Academies Press, Washington, DC.
- Natural Resources Canada (NRCAN). 2014. Fire Safety Plan Guideline. April 8, 2014.  
<http://www.nrcan.gc.ca/explosives/13969>
- NOAA, 1999. Hydrometeorology Report No. 59, US Department of Commerce, National Oceanic and Atmospheric Administration, US Department of Army Corps of Engineers. February 1999.
- NOAA, 2012. NOAA Atlas 14: Precipitation-Frequency Atlas of the United States. Volume 7 Version 2.0: Alaska. Silver Spring, Maryland, 2012.
- Nordenskiold Steering Committee. 2010. Tsawnjik Chu Nordenskiold Habitat Protection Area Management Plan.
- Oil and Gas Commission's (OGC). 2009. British Columbia Noise Control Best Practices Guideline
- Parker, M. A. 2000. Fish Passage - Culvert Inspection Procedures. Ministry of Environment, Lands and Parks.
- Pathak, N. and S. Khandelwal. 2006. Oxidative stress and apoptotic changes in murine splenocytes exposed to cadmium. *Toxicology*, 220, 26–36.
- Payne, T. R., & Bremm, D. J. 2003. The influence of multiple velocity calibration sets on the PHABSIM habitat index. Paper presented to International IFIM User's Workshop, June 1-5, 2003, Ft. Collins, CO.
- Pearse, T., D., and M. Weinstein. 1988. Opening the Land: A Study of the Impacts of the Casino Trail on the Northern Tutchone of Pelly Crossing and Carmacks, Yukon Territory.
- Phippen, B. C., Horvath, R., Nordin, R., and Nagpal, N. 2008. Ambient water quality guidelines for iron. Ministry of Environment, Water Stewardship Division, Science and Information Branch.
- Pimentel, R. and R.V. Bulkley. 1983. Influence of water hardness on fluoride toxicity to rainbow trout. *Environmental Toxicology and Chemistry*, 2, 381–386.
- Price W. 1997 Guidelines and Recommended Methods for the Prediction of Metal Leaching and Acid Rock Drainage at Minesites in British Columbia.

- Price, W. 2009 Prediction Manual for Drainage Chemistry from Sulphidic Geologic Materials. CANMET Mining and Mineral Sciences Laboratories. MEND Report 1.20.1 pp. 579.
- Proctor, M., McLellan, B. N., Strobeck, C., and Rowland, M. M. 2002. Population Fragmentation of Grizzly Bears in Southwestern British Columbia, Canada. *Ursus*, 13, 153-160.
- Purves, H., and Doering, C. 1998. Grizzly bear habitat effectiveness: Assessing cumulative effects of human use in Jasper National Park. San Diego, California: ESRI International User Conference proceedings.
- Rasmussen G., Hoffert J., Tucker G., Kinch J., Colwell D., 2004. The Kemess Mines Ltd. Tailings Dam Construction Using Tailings Construction Sand. Proceedings of the 36th Annual Meeting of the Canadian Mineral Processors: Paper 4.
- Regoli, L., Van Tilborg, W., Heijerick, D., Stubblefield, W. and S. Carey. 2012. The bioconcentration and bioaccumulation factors for molybdenum in the aquatic environment from natural environmental concentrations up to the toxicity boundary. *Science of the Total Environment*, 435–436, 96–106.
- Reid, S.S. and D.G. McDonald. 1991. Metal Binding Activity of the Gills of Rainbow Trout (*Oncorhynchus mykiss*). *Canadian Journal of Fisheries and Aquatic Sciences* 48, 1061-1068.
- Reiser, D.W., T.A. Wesche, and C. Estes. 1989. Status of instream flow legislation and practices in North America. *Fisheries* 14(2):22-29.
- Rescan. 2012. Ekati Diamond Mine: Literature Review - Exclusion Barriers and Wildlife. Prepared for BHP Billiton Canada Inc. by Rescan Environmental Services Ltd.: Yellowknife, Northwest Territories.
- Ricketts, C. D. 2006. The effects of acute waterborne exposure to sub-lethal concentrations of molybdenum on the stress response in rainbow trout (*Oncorhynchus mykiss*). MSc Okanagan College, B. C.
- Risso-de Faverney, C., Devaux, A., Lafaurie, M., Girard, J., Bailly, B. and R. Rahmani. 2001. Cadmium induces apoptosis and genotoxicity in rainbow trout hepatocytes through generation of reactive oxygene species. *Aquatic Toxicology*, 53, 65-76.
- RLS. 1990. Richtlinien für den Lärmschutz an Strassen. BM für Verkehr, Bonn (German Guideline for Noise Protection on Streets (RLS-90).
- Roberge, M., Hume, J. B., Minns, C. K., & Slaney, T. 2002. Life history characteristics of freshwater fishes occurring in British Columbia and the Yukon, with major emphasis on stream habitat characteristics. *Canadian Manuscript Reports of Fisheries and Aquatic Sciences*, 261(1), 248.
- Ross, P. I. 2002. Update COSEWIC status report on the grizzly bear *Ursus arctos* in Canada, in COSEWIC assessment and update status report on the Grizzly Bear *Ursus arctos* in Canada. Ottawa: Committee on the Status of Endangered Wildlife in Canada.
- Scott, K. 2010. Community Vitality: A Report of the Canadian Index of Wellbeing. Retrieved October 2014: [http://www.worktogether.ca/sites/worktogether.ca/files/CommunityVitality\\_DomainReport.sflb\\_.pdf](http://www.worktogether.ca/sites/worktogether.ca/files/CommunityVitality_DomainReport.sflb_.pdf)
- Seabridge Gold Inc. 2013. Application for an Environmental Assessment Certificate/Environmental Impact Statement. Section 26.9.1.4.12: Water Storage Dam or Tailing Management Facility Failure.
- Selkirk First Nation / Pelly Crossing Integrated Community Sustainability Plan. 2007. Prepared by Inukshuk Planning & Development. Available at: [http://www.infrastructure.gov.yk.ca/pdf/selkirk\\_fn\\_pelly\\_crossing\\_icsp\\_final.pdf](http://www.infrastructure.gov.yk.ca/pdf/selkirk_fn_pelly_crossing_icsp_final.pdf)

- Selkirk First Nation, Yukon Government, Capstone Mining Corp. 2013. Minto Mine Socio-Economic Monitoring Program Framework
- SGS. 2013. Lime Treatment of Waste Rock Humidity Cell HC12. November 29, 2013.
- Shandro, J.A., Veiga, M.M., Koehoorn, M., Shoveller, J., Scoble, M. 2011. "Perspectives on Community Health Issues and the Mining Boom-Bust Cycle." *Resources Policy* 36: 178-186.
- Simon, O. and J. Garnier-Laplace. 2004. Kinetic analysis of uranium accumulation in the bivalve *Corbicula luminea*: effect of pH and direct exposure levels. *Aquatic Toxicology*, 68, 95-108.
- Simon, O. and J. Garnier-Laplace. 2005. Laboratory and field assessment of uranium trophic transfer efficiency in the crayfish *Orconectes limosus* fed the bivalve *C. fluminea*. *Aquatic Toxicology*, 74, 372-383.
- Simonsen, L., Clarke, M.J., Schonberger, L.B., Arden, N.H., Cox, N.J., and Fukuda, K. 1998. "Pandemic versus Epidemic Influenza Mortality: A Pattern of Changing Age Distribution." *Journal of Infectious Diseases* 178: 53-60.
- Simpson, K. 1987. Impacts of a hydro-electric reservoir on populations of caribou and grizzly bear in southern British Columbia. B.C. Ministry of Environment and Parks, Wildlife Branch. Wildlife Working Rep. No. WR-24, Nelson. 37pp.
- Sorensen, E.M.B. 1988. Selenium accumulation, reproductive status, and histopathological changes in environmentally exposed redear sunfish. *Toxicology*, 61, 324-329.
- Soucek, D.J. 2007a. Bioenergetic effects of sodium sulfate on the freshwater crustacean, *Ceriodaphnia dubia*. *Ecotoxicology*, 16, 317-325.
- Soucek, D.J. 2007b. Sodium sulfate impacts feeding, specific dynamic action, and growth rate in the freshwater bivalve *Corbicula fluminea*. *Aquatic Toxicology*, 83, 315-322.
- Soucey, Kristin, Bruce Ball, Alice Storey, and Sheila Greer. 2010a. 2009 Historical Resource Assessment Western Copper Corporation Casino Project. Permit No. 9-09ASR. Prepared on behalf of Western Copper Corporation by Altamira Consulting Ltd., Edmonton.
- Soucey, Kristin, Bruce Ball, and Sheila Greer. 2010b. Historical Resource Assessment Britannia Creek Road Re-Alignment – Casino Project Western Copper Corporation. Permit No. 10-04ASR. Prepared on behalf of Western Copper Corporation by Altamira Consulting Ltd., Edmonton. Registered Trapper, 2013. Personal Communication through one-one interview.
- Species at Risk Act, 29 (Statutes of Canada 2002).
- SRK Consulting (SRK). 2013. NI 43-101 Technical Report for the Kemess Underground Project, British Columbia, Canada. Prepared for AuRico Gold Inc. April 1, 2013.
- SRK Consulting (SRK). 2013. NI 43-101 Technical Report for the Kemess Underground Project, British Columbia, Canada. Prepared for AuRico Gold Inc. April 1, 2013.
- Statistics Canada 2013. 2011 National Household Survey Profile. Statistics Canada Catalogue no. 99-004-XWE. Ottawa. Available at: <http://www12.statcan.gc.ca/census-recensement/2011/dp-pd/prof/index.cfm?Lang=E>. Accessed July 2013.
- Statistics Canada. 2007. 2006 Community Profiles. Statistics Canada Catalogue no. 92-591-XWE. Ottawa. Released 13 March 2007. Available at: <http://www12.statcan.gc.ca/census-recensement/2006/dp-pd/prof/92-591/index.cfm?Lang=E>. Accessed November 2012.

- Statistics Canada. 2012. Census Profile. 2011 Census. Statistics Canada Catalogue no. 98-316-XWE. Ottawa. Released October 24, 2012. Available at <http://www12.statcan.gc.ca/census-recensement/2011/dp-pd/prof/index.cfm?Lang=E>. Accessed July 2013.
- Stewart, D. B., Monchnacz, N. J., Reist, J. D., Carmichael, T. J., & Sawatzky, C. D. 2007. Fish life history and habitat use in the Northwest Territories: Arctic grayling (*Thymallus arcticus*). *Can. Manuscr. Rep. Fish. Aquat. Sci.*, 2797, 55.
- StrataGold Corporation. 2013. Eagle Gold Project Emergency Response Plan Version 2013-01. [http://www.emr.gov.yk.ca/mining/pdf/mml\\_eg\\_emergency\\_response\\_plan\\_may2013.pdf](http://www.emr.gov.yk.ca/mining/pdf/mml_eg_emergency_response_plan_may2013.pdf)
- Swanson, S.M. 1985. Food-chain transfer of U-series radionuclides in a northern Saskatchewan aquatic system. *Health Physics*, 49, 747-770.
- Tharme, R.E. 1996. Review of international methodologies for the quantification of the instream flow requirements of rivers. Freshwater Research Unit, University of Cape Town, report commissioned by the Department of Water Affairs and Forestry. November 1996. 82pp.
- Tharme, R.E. 2002. A global perspective on environmental flow assessment: emerging trends in the development and application of environmental flow methodologies for rivers. *In Proceedings of the International Conference on Environmental Flows for River Systems, incorporating the 4th International Ecohydraulics Symposium*. Cape Town, South Africa. March 2002.
- The Mining Association of Canada (MAC). 2014. *Towards Sustainable Mining*. Retrieved November 13, 2014, from The Mining Association of Canada: <http://mining.ca/towards-sustainable-mining>
- The Municipality of Skagway, Alaska. Skagway's Yukon Port Project. January 2010.
- The Municipality of Skagway. 2015. Port of Skagway. [http://www.skagway.org/index.asp?SEC=21FD65B5-E64D-488B-9F51-51B650B9D6DE&Type=B\\_BASIC](http://www.skagway.org/index.asp?SEC=21FD65B5-E64D-488B-9F51-51B650B9D6DE&Type=B_BASIC)
- Thornthwaite, C.W. 1948. *An approach toward a rational classification of climate*, *Geographical Review* (American Geographical Society) 38 (1): 55–94.
- Transport Canada. 2012. Emergency Response Guidebook: A Guidebook for First Responders During the Initial Phase of a Dangerous Goods/Hazardous Materials Transportation Incident. Ottawa: Transport Canada.
- Tripp, D. B., & McCart, P. J. 1974. Life histories of grayling (*Thymallus arcticus*) and longnose suckers (*Catostomus catostomus*) in the Donnelly River system, N.W.T. In P. J. McCart, Life histories of anadromous and freshwater fish in the western Arctic. Arctic Gas Biological Report Series 15.
- US EPA. 1987. Ambient water quality criteria for selenium. EPA-440/5-87-006. National Technical Information Service.
- US EPA. 2000. Methods for measuring the toxicity and bioaccumulation of sediment-associated contaminants with freshwater invertebrates. EPA 600/R-99/064. March 2000.
- US EPA. 2001. Update of ambient water quality criteria for cadmium. EPA-822-R-01-001. Washington, D.C.: Office of Water, US Environmental Protection Agency.
- US EPA. 2004. Draft aquatic life water quality criteria for selenium. EPA-822-D-04-001. Washington, D.C.: Office of Water, US Environmental Protection Agency.
- US EPA. 2007. Aquatic Life Ambient Freshwater Quality Criteria – Copper. 2007 Revision. EPA-822-R07-001. Washington D.C.



- VDI. 1976. Standard 2571: Sound Radiation From Industrial Buildings
- Viau, M., Gastaldo, J., Bencokova, Z., Joubert, A. and N. Foray. 2008. Cadmium inhibits non-homologous end joining and over-activates the MRE11-dependent repair pathway. *Mutation Research*, 654, 13-21.
- Village of Carmacks Official Community Plan. 2013.
- Vizon SciTec Inc. 2004. Final report on the toxicity investigation of uranium to aquatic organisms. CNSC Project No.: R205.1.
- von Finster, A. 1998. Fisheries resources of the mid-reaches of Big Creek, tributary to the Yukon River near Minto. Memorandum to file: Habitat and Enhancement Branch, DFO.
- Waite, D.T., Joshi, S.R., Sommerstad, H., Wobeser, G. and A.A. Gajadhar. 1990. A toxicological examination of whitefish (*Coregonus clupeaformis*) and Northern Pike (*Esox lucius*) exposed to uranium mine tailings. *Environmental Contamination and Toxicology*, 19, 578-582.
- Wake, B.D., Bowie, A.R., Butler, E.C.V. and R. Haddad. 2004. Modern preconcentration methods for the determination of selenium species in environmental water samples. *Trends in Analytical Chemistry*, 23(7), 491-500.
- Walker, C. E. 1976. Studies on the freshwater and anadromous fishes of the Yukon River within Canada. *Fish. Mar. Serv. Tech. Rep. PAC/T-76-7*, 99.
- Weber, Sascha. Executive Director. Yukon Mining Training Association. Conversation. 20 August 2014.
- Whitehorse Daily Star. 2014. Yukon River chinook run is proving robust. Retrieved September 28, 2014, from <http://www.whitehorsestar.com/News/yukon-river-chinook-run-is-proving-robust>
- Wilson, S., D. R. Norris, A. G. Wilson, and P. Arcese. 2007. Breeding experience and population density affect the ability of a songbird to respond to future climate variation. *Proceedings of the Royal Society B: Biological Sciences* 274:2539–2545.
- World Meteorological Organization (WMO). 2009. Manual of Estimation of Probable Maximum Precipitation (PMP). <http://www.wmo.int/pages/prog/hwrr/publications/PMP/WMO%201045%20en.pdf>
- World Meteorological Organization (WMO). 2009. Manual of Estimation of Probable Maximum Precipitation (PMP). <http://www.wmo.int/pages/prog/hwrr/publications/PMP/WMO%201045%20en.pdf>
- Wright D.G., & Hopky G.E. 1998. Guidelines for the use of explosives in or near Canadian fisheries waters. Canadian technical report of fisheries and aquatic sciences 2107. DFO, Winnipeg, MB, Canada.
- Yang, D.Y., Mercer, R.A., Brouwer, K.J., and Tomlinson, C. 2011). Managing pit slope stability at the Kemess South Mine - changes over time. In *Proceedings of Slope Stability 2011: International Symposium on Rock Slope Stability in Open Pit Mining and Civil Engineering*. Canadian Rock Mechanics Association, Vancouver, BC.
- Yang, P.M., Chen, H.C., Tsai, J.S. and L.Y. Lin. 2007. Cadmium induces Ca<sup>2+</sup>- dependent necrotic cell death through calpain-triggered mitochondrial depolarization and reactive oxygen species-mediated inhibition of nuclear factor-kappaB activity. *Chemical Research in Toxicology*, Vol. 20, p. 406–415.
- YESAB (Yukon Environmental and Socio-economic Assessment Board). 2005. Proponent's Guide to Information Requirements for Executive Committee Project Proposal Submissions. Whitehorse, Yukon V 2005.11.

- YESAB. 2005. Proponent's Guide to Information Requirements for Executive Committee Project Proposal Submissions. Whitehorse: YESAB.
- Yukon College. 2012. About CNIM. Available at: [http://www.yukoncollege.yk.ca/programs/cnim/about\\_cnim](http://www.yukoncollege.yk.ca/programs/cnim/about_cnim). Accessed March 2015.
- Yukon Energy, Mines and Resources. 2006. Yukon Mine Site Reclamation and Closure Policy. Whitehorse: Yukon Government, Department of Energy, Mines and Resources.
- Yukon Energy, Mines and Resources. 2014. Yukon Mine Site and Reclamation Closure Policy: Financial Guidelines. Whitehorse: Yukon Government.
- Yukon Environment. (n.d). Grizzly Bear, full mammal description. Available at [http://www.env.gov.yk.ca/animals-habitat/mammals/documents/Grizzly\\_bears.pdf](http://www.env.gov.yk.ca/animals-habitat/mammals/documents/Grizzly_bears.pdf). Accessed 6 February 2015.
- Yukon Environment. 2013, April. Fish and Wildlife Branch Project Summaries 2013-2014. Retrieved November 10, 2014, from <http://www.env.gov.yk.ca/publications-maps/documents/FWProjectSummaries2013-14.pdf>
- Yukon Environment. 2013. Personal communication with Harvest Coordinator.
- Yukon Environmental and Socio-economic Assessment Act. 2005. Available: <http://laws-lois.justice.gc.ca/eng/acts/Y-2.2/index.html>. (Accessed October 2013).
- Yukon Environmental and Socio-economic Assessment Board (YESAB). 2014. Geohazards and Risk: A Proponent's Guide to Linear Infrastructure: Environment & Water – Draft for Review. Retrieved February 2015: <http://www.yesab.ca/wp/wp-content/uploads/2014/10/YESAB-DRAFT-Geohazards-Guide-for-Review-2014-10-21.pdf>
- Yukon Fish and Wildlife Co-Management (YFWCM). 1996, July. Woodland Caribou management decision guidelines. Retrieved October 2013, from Yukon Fish and Wildlife Co-Management : <http://www.yfwcm.ca/species/caribou/guidelines.php>
- Yukon Fish and Wildlife Co-Management, 2011. (Accessed June 2013) Hunting and Trapping Wolves in Yukon. [http://www.yfwcm.ca/YukonWolfPlanReview/going/documents/Trappingfactsheet\\_FINALApr\\_11\\_207.pdf](http://www.yfwcm.ca/YukonWolfPlanReview/going/documents/Trappingfactsheet_FINALApr_11_207.pdf).
- Yukon Government 2011. Yukon Traffic Data Summary 2011 (170pp)
- Yukon Government 2012. Updated (2012) Summary of Yukon Traffic Data. Spreadsheets provided electronically in MSExcel format by Bibiana Zavadova, Data Management & Systems Support Technician, Transportation Planning & Programming, Highways and Public Works, Yukon Government.
- Yukon Government 2014. Traffic Summary – Whitehorse Corridor (2011). Spreadsheet provided electronically in Adobe Acrobat format by Ken Jeffrey, Transportation Analyst, Transportation Planning & Programming, Highways and Public Works, Yukon Government, September 2014.
- Yukon Government Energy, Mines and Resources. 2015. Government of Yukon. Department of Energy, Mines and Resources: Land Services: Current Land Applications: Land Applications. (Accessed on March 3, 2015) [http://www.emr.gov.yk.ca/lands/yukon\\_land\\_applications.html](http://www.emr.gov.yk.ca/lands/yukon_land_applications.html)
- Yukon Government, Energy Mines and Resources. 2015. Royalties. Available at: [www.emr.gov.yk.ca/mining/royalty\\_narrative.html](http://www.emr.gov.yk.ca/mining/royalty_narrative.html). (Accessed February 26 2015)
- Yukon Government. 2006. Yukon Mine Site Reclamation and Closure Policy. Whitehorse: Yukon Government, Department of Energy, Mines and Resources.

- Yukon Government. 2013, August. Plan Requirement Guidance for Quartz Mining Projects. Retrieved from <http://www.yukonwaterboard.ca/forms/quartz/Plan%20Requirement%20Guideline%20for%20>
- Yukon Government. 2013. *Plan Requirement Guidance for Quartz Mining Projects*. Retrieved from <http://www.yukonwaterboard.ca/forms/quartz/Plan%20Requirement%20Guideline%20for%20>
- Yukon Government. 2013. Resource Access Roads Framework. Department of Highways and Public Works. Whitehorse, Yukon.  
[http://www.emr.gov.yk.ca/lands/pdf/WEB\\_English\\_ResourceAccessRoadFramework.pdf](http://www.emr.gov.yk.ca/lands/pdf/WEB_English_ResourceAccessRoadFramework.pdf)
- Yukon Government. 2014. Resource Access Road Regulation: Discussion Paper. Department of Energy, Mines and Resources, Land Management Branch.  
[http://www.emr.gov.yk.ca/lands/pdf/resource\\_access\\_road\\_discussion\\_paper\\_june2014.pdf](http://www.emr.gov.yk.ca/lands/pdf/resource_access_road_discussion_paper_june2014.pdf)
- Yukon Mining Training Association. No date. No title. Available at <http://ymta.org/wp/>. Accessed August 2014.
- Yukon River Panel. 2008. Yukon River Salmon Fisheries Harvest Information. Retrieved September 28, 2014, from <http://yukonriverpanel.com/salmon/fisheries-management/yukon-riversalmon-fisheries-harvest>
- Yukon Salmon Sub-Committee. 2014. Retrieved September 28, 2014, from <http://yssc.ca/issues/item/commercial-fishing-along-the-yukon-river> Alaska Department of Fish and Game. 2011. Caribou management report of survey-inventory activities, 1 July 2008 - 30 June 2010. Alaska Department of Fish and Game.
- Yukon Tourism and Culture. 2010. Operational Policy for Heritage Resources Management on Yukon Lands.  
[http://www.tc.gov.yk.ca/pdf/operational\\_policy\\_on\\_yukon\\_lands\\_her\\_2010\\_02\\_17.pdf](http://www.tc.gov.yk.ca/pdf/operational_policy_on_yukon_lands_her_2010_02_17.pdf)
- Yukon Water Board. (2013). Reclamation and Closure Planning for Quartz Mining Projects. Whitehorse: Yukon Energy, Mines and Resources.
- Yukon Water Board. Yukon Energy, Mines and Resources. 2013. Plan Requirement Guidance for Quartz Mining Projects. Whitehorse, Yukon.